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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/863,013	
	Filing Date	May 22, 2001	
	First Named Inventor	Milan R. Kokta, et al.	
	Art Unit	2828	
	Examiner Name	Hung T. Vy	
Total Number of Pages in This Submission	4	Attorney Docket Number	1035-BI3918-US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Second Rule 312 Communication w/Attachments
Remarks Customer No.: 34456		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Jeffrey S. Abel, Registration No.: 36,979
Signature	
Date	7/21/04

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Milan R. Kokta, et al.
Title: COBALT-DOPED SATURABLE ABSORBER Q-SWITCHES AND LASER SYSTEMS
App. No.: 09/863,013 Filed: May 22, 2001
Examiner: Hung T. Vy Group Art Unit: 2828
Customer No.: 34456 Confirmation No.: 7269
Atty. Dkt. No.: 1035-BI3918-US Allowed: March 17, 2004

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

SECOND RULE 312 COMMUNICATION

Dear Sir:

One May 12, 2004, Applicants filed a Rule 312 Communication requesting acknowledgement of several Information Disclosure Statements during the prosecution of the above-identified application. In response, the PTO forwarded initialed form PTO-1449's in response thereto. The Examiner is thanked for consideration of the references cited therein. However, two of the references cited on the form PTO-1449 filed November 13, 2001 have not been initialed by the Examiner. Enclosed is a copy of that partially initialed form PTO-1449. Also enclosed are courtesy copies of those references. The Examiner is requested to consider the cited references and return a copy of the fully initialed form PTO-1449.

Should the Examiner have any questions or comments regarding this or any other communication, the Examiner is invited to telephone Applicants' undersigned representative at the number listed below.

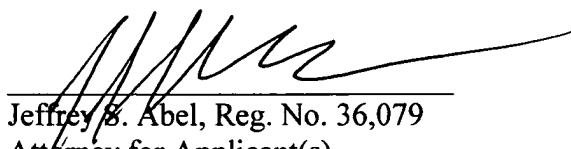
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<u>Elise K. Dougherty</u> Typed or Printed Name	<u>E.K. Dougherty</u> Signature

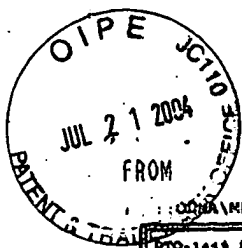
Applicants do not believe that any additional fees are due, but if the Commissioner believes additional fees are due, the Commissioner is hereby authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account Number 50-2469.

Respectfully submitted,

Date

7/21/04


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(WED)MAY 12 2004 16:05/ST.16:04/No. 8800090285 P 5

Sheet 1 of 1

PTO-1413 AIRPRODUCED		ATTORNEY DOCKET NO. 3177.1000-000		APPLICATION NO. 09/863,013			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION FOR PATENT & TRADEMARK				APPLICANT Milan R. Kokta, et al.			
November 1, 2001 (Use several sheets if necessary)				FILING DATE May 22, 2001			
GROUP 2881							
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
HV	AA	5,654,973	AUG. 5, 1997	Stultz, et al.	372	10	
HV	AB	5,982,796	Nov. 9, 1999	Kokta, et al.	372	41	
	AC						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	Camargo, M.B., et al., "Co ²⁺ :Y ₂ SiO ₅ Ga ₂ O ₇ (YSGG) Passive Q-switch for Infrared Erbium Lasers," submitted to LEOS in 1994.					
	AS	Mikhailov, V.P., et al., "Passive Q-switch performance at 1.3μ (1.5μ) and nonlinear spectroscopy of Co ²⁺ :MgAl ₂ O ₄ and Co ²⁺ :LaMgAl ₁₁ O ₁₉ crystals," <i>OSA TOPS Vol. 26 Advanced Solid-State Lasers</i> , pp 317-324 (1999). <i>no mention</i>					
HV	AT	Yumashev, K.V., "Saturable absorber Co ²⁺ :MgAl ₂ O ₄ crystal for Q switching of 1.34-μm Nd ³⁺ :YAIO ₃ and 1.54-μm Er ³⁺ :glass lasers," <i>Applied Optics</i> , 38(30):6343-6346 (20 Oct 1999).					
HV	AU	Stulz, R.D., et al., "Divalent Uranium and Cobalt Saturable Absorber Q-Switches at 1.5 μm," <i>OSA Proceedings on Advanced Solid-State Lasers</i> , 24:460-464 (1995). <i>no mention</i>					
HV	AV	Birnbaum, M., et al., "Co ²⁺ :ZnSe Saturable Absorber Q-switch for the 1.54 μm Er ³⁺ :Yb ³⁺ :Glass Laser," <i>OSA TOPS Vol. 10 Advanced Solid State Lasers</i> , pp 148-151 (1997).					
HV	AW	Machida, H. and Fukuda, T., "Difficulties encountered during the Czochralski growth of TiO ₂ single crystals," <i>Journal of Crystal Growth</i> , 112:835-837 (1991). <i>no mention</i>					
HV	AX	Camargo, M.B., et al., "Broad-band 1.54 μm Saturable Absorber Q-switch with Co ²⁺ ," submitted to ASSL in 1995. <i>no mention</i>					
HV	AY	Yumashev, K.V., et al., "Nonlinear spectroscopy and passive Q-switching operation of a Co ²⁺ :LaMgAl ₁₁ O ₁₉ crystal," <i>J. Opt. Soc. Am. B</i> , 16(12):2189-2194 (1999).					
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>10/24/02</i> <i>6/14/06</i>			